



ECDC
ENVIRONMENTAL L.C.
AN ALLIED WASTE COMPANY



express
RECEIVED
06.00875
MAR 01 2006

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

February 23, 2006

Dennis R. Downs, Director
Department of Environmental Quality
Division of Solid and Hazardous
288 North 1460 West
Salt Lake City, UT 84114-4880

Subject: Wasatch Regional 2005 Annual Solid Waste Report

Dear Mr. Downs,

Please find enclosed the Wasatch Regional Annual Solid Waste Report for the 2005 calendar year. The report includes the following attachments: groundwater monitoring report for the second 2005 event, a training schedule and a gas monitoring report for the forth quarter.

The 2005 closure and post closure costs were calculated based on a worst-case scenario for the life of the permit. As a result, the closure and post closure cost estimates are the same as last year. A copy of the estimates and surety bond is included.

If you have any questions please contact me at 435-888-4418 (22).

Sincerely,

Darin Olson

Attachments:

RECEIVED

Mail to:
Dennis R. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

06.00875
MAR 01 2006

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

2006 SOLID WASTE LANDFILL ANNUAL REPORT

express

For Calendar year 2005 or most recent fiscal year

Administrative Information

Facility Name: WASATCH REGIONAL
Facility Mailing Address: 8833 NORTH ROWLEY ROAD
(Number & Street, Box and/or Route)
City: N. SKULL VALLEY, State: UT Zip Code: 84029
County: TOOELE

Contact's Name: KIRK TREECE Phone No.: (801) 924-8454
Title: GENERAL MANAGER
Contact's Mailing Address: 675 S. GLADIOLA SLC, 84104
Contact's Email Address: KTREECE@AWIN.COM

Owner

Name: SAME Phone No.: ()
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: SAME Phone No.: ()
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Facility Type and Status

☐ Class I ☐ Class IIIb ☒ Class V
☐ Class II ☐ Class IVa ☐ Class VI
☐ Class IIIa ☐ Class IVb

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes _____ No X

If facility was permanently closed during the year enter date closed: _____

Annual Disposal

2005 DENSITY 1116 lb/cy

Total facility tons: 147,846 or cubic yards: _____

If separate tonnages are available

Municipal tons: _____ or cubic yards: _____

C/D tons: _____ or cubic yards: _____

Industrial tons: _____ or cubic yards: _____

Conversion Factor used

- ☐ No conversion factors used
☐ Conversion factor from rules (R315-302-2(4)(c)) used
☐ Site specific conversion used Please list: _____

Tons Recycled: _____

Cubic Yards Recycled: _____

Financial Assurance

Current Closure Cost Estimate: 2,211,547

Current Post-Closure Cost Estimate: 1,915,500

Current Financial Assurance Mechanism: SURETY BOND
(ie. Bond, Trust Fund, Corporate or government Test etc.)

Financial Assurance Mechanism Holder: TRAVELERS CASUALTY
(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)

Current Amount or Balance in Mechanism: _____

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

Note Facilities using "Local Government Financial Test" must provide the information required in R315-309-3(7)(d) each year.

Ground Water Monitoring: Each facility that is required to monitor ground water must submit a ground water monitoring report that contains water elevations, sampling results, and statistical analyses. Check box if facility is exempt from ground water monitoring ☐

Explosive Gas Monitoring: A gas monitoring report must be included unless the facility is a Class II landfill that has receive an exemption, a Class III, IV, or VI landfill, or any other facility that has an exemption. Check box if facility is exempt from gas monitoring ☐

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: 

Date: 2-27-06

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: DARIN OLSON

Title: ENVIRONMENTAL
MANAGER

WASATCH

2005 Health, Safety and General Training Schedule

January

Employee Right to Know
 Specific of Hearing - Hearing Conservation
 Storm Water/Spill Prevention Plan
 Crane Inspection/Certification
 Attendance/Employee Leave, Breaks & Holidays/Bereav
 Observance of Antitrust Laws - G126
 Related Party Transactions - G126
 Ergonomics 1
 Facility Inspection - Grant

February

Respirator Training
 Fit Testing
 Three Points of Contact
 Zero Tolerance Guidelines
 Insider Trading - G116
 Landfill Safety
 Expense Reports - Tina (Mngrs Only)
 Credit & Collections - Tina (Mngrs Only)
 Facility Inspection - Jeff

March

Emergency Response & Spill Procedures
 Accident/Incident Reporting Procedures
 Business Ethics - G101
 Safety Bonus Plan
 Compactor Fires - Hot Work Permit
 S/A #135 - Safety Glasses
 Safety and Health Policy - G125
 Mounting & Dismounting Heavy Equipment
 Facility Inspection - Darin

April

Manifestation of Unacceptable Hazardous Waste
 Boatlift Policy - All Company Vehicles
 Contractor & Visitor Safety
 Acceptance & Unloading Procedures - Darin
 Record Retentions - G123 - Tina (Mngrs & Office)
 Equal Employment Opportunity - G113
 Facility Inspection - Kirk

May

Lockout/Tagout
 Shop - Review Policy - Grant
 Shop - Periodic Inspection - Grant
 Lifting
 Time Clock Rounding Policy - Tina
 Conflicts of Interest - G109
 Auto Fire Suppression on Heavy Equip Standard
 Facility Inspection - Grant

June

Forklift Review
 Check Bulletin Board
 FMLA Training - P102
 Medical Leave of Absence - P101
 Special Waste Procedure - Darin
 Maintenance Shop Safe Work Rules - All Employees
 Facility Inspection - Jeff

July

Confined Space
 Heat Stress Safety
 Safety Glasses
Progressive Discipline
 Employee Handbook - All Employees (General)
 Site Security
 Facility Inspection - Darin

August

Asbestos Management
 Toxic Substances Procedures
 Sexual Harassment - G126
 Harassment Guidelines
 Ergonomics 2
 Dress Code - Tina (Office & Mngrs)
 Housekeeping Standard for Oper. Facilities
 Facility Inspection - Kirk

September

Blood Borne Pathogens
 Possession of Personal Firearms
 Workplace Violence - G114
 Electronic Mail, Internet Web - G111
 Maintenance Safety - All Employees

Review BBP - Jeff
 Safe Driving & Work Practice Booklets
 Facility Inspection - Grant

October

Electrical Safety
 Cold Stress and PPE
 Blue Signal Policy
 Procedures for Class B Biosolids
 Ergonomics 3
 Americans With Disability Act - G100
 Facility Inspection - Jeff

November

Drug & Alcohol Awareness/Need to Know
 Post-Accident Testing
 Random Testing
 Medication
 Eye Protection in Shop (Standard)
 Winter Weather Checklist - (Mngrs Only)
 Levels of Authority - G117 - (Mngrs Only)
 Facility Inspection - Darin

December

Personal Protective Equipment
 Aware Line
 Scavenging
 High Visibility Clothing Standard
 Radiation Check & Alarm Procedure - Darin
 Disposal Facility Safety Standard - (Mngrs Only)
 Pre-trip & Post-trip Vehicle Inspections
 Facility Inspection - Kirk

SEE LIST

SEE LIST

From: Lester Lemmon
To: dolson@awin.com
Date: 2/22/06 10:18PM
Subject: August and September Topics

Darin,

Here are the training topics for August and September.

August:

Business Ethics
Safety Alert 174,111,173
Cell Phones
High Visibility Clothing
Corrective Action P105
Sexual and Other Harassment G-126
Safety and Health G-125
Workplace Violence G-114
Equal Employment G-113
Alcohol and Drugs G-110
Americans With Disabilities Act G-100
Disposal Facility Standard
Lockout/Tag Out
Electrical
Confined Space
Haz-Com
Emergency Contacts
Forklift Safety
Respirator Use
BBP
D and A
Hearing
PPE
Vehicle Inspections

September:

Waste Handling Procedures
Cell Traffic Safety
Safe operation of equipment in the vicinity of the tippers
PPE

Let me know if you need anything else.

Les Lemmon
Site Manager
Allied Waste Wasatch Regional Landfill
Cell: 801-330-8451
E-mail: lester.lemmon@awin.com

ECDC Environmental, LC
Landfill Gas Quarterly Monitoring Results
Year 05 Quarter 4th

Date: 12-14-05

Time: _____

Name of Gas Sample Collector COSMOTECTOR

Temperature COLD

Weather OVERCAST

Monitoring device should be calibrated prior to initiating sampling.

Accomplished? Yes (No) CAL LAST WEEK @ ECDC


Methane Monitoring Location	Measured % LEL	Internal Action Limit: Half of Regulatory Limit (% LEL)	Regulatory Action Limit (% LEL)
1. Administrative Building <u>RD</u>	ϕ	12	25
2. SW Corner of Rotary Dump <u>PROPERTY</u>	ϕ	12	25
3. SW Corner of Bottom Dump Area <u>CELL</u>	ϕ	12	25
4. SE Corner of Intermodal Area <u>PROPERTY</u>	ϕ	12	25
5. NW Corner of the Scale House <u>INSIDE TEMP.</u>	ϕ	12	25
6. North Boundary <u>EAST FENCE</u>	ϕ	50	100
7. South Boundary <u>NW FENCE</u>	ϕ	50	100

- Gas Sample Collector: If measured % LEL equals or exceeds internal action limit, contact the facility manager.
- Facility Manager: If measured % LEL equals or exceeds regulatory action limit, notify the State Director in compliance with 40 CFR 258.23(c).

Comments:

SHOP AREA N/A
OFFICE N/A

GAS IS NOT EXPECTED FOR A FEW YEARS.



Gas Sample Collector

**Solid Waste Permitting and Management
Closure and Post-Closure Care Bond
Utah Administrative Code R315-309-3(4)**

Bond Amount \$ 4,127,046.89Bond No. 104569268**KNOWN BY THESE PRESENTS:**That we, Wasatch Regional Landfill, Inc. (Principal)of the county of Tooele State of Utahas principal and Travelers Casualty and Surety Company of America (Surety)

as a corporation, duly organized and doing business under and by virtue of the laws of the State of Connecticut and authorized to do business in the State of Utah, and duly licensed for the purpose of making, guaranteeing, and becoming sole surety upon bonds required or authorized by the laws of the State of Utah, as surety, and held and firmly bound unto the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah, 288 North 1460 West, Salt Lake City, Utah 84116, to perform closure and post closure activities as required in permit # 0501M to a maximum sum of \$4,127,046.89, lawful money of the United States of America we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The Condition of the foregoing obligation is such that,

WHEREAS, the above named Principal has made application to the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah for the issuance of a permit to operate a Class V Landfill under the authority of the State of Utah Solid and Hazardous Waste Act, and

WHEREAS, the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah, with authority, has enacted rules, Utah Administrative Code (UAC) R315-301 through 320, regulating the operation of landfills,

WHEREAS, under the terms of said rules a cash or corporate surety bond in the sum of \$4,127,046.89 is required of said Principal and a responsible surety as financial assurance for closure and post-closure care costs of said landfill. Said bond is conditioned upon the faithful and proper compliance with all of the terms, conditions, provisions, requirements, and specifications of landfill closure and post-closure care contained in said landfill permit, UAC R315-302-2 and UAC R315-309, not to exceed the bond penalty amount hereof,

Now, therefore, if the above bound principal shall fully comply with the above stated provisions for closure and post-closure care of said Class V Landfill, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond may be increased by rider or other means necessary to equal the amount as established by the annual up-date of the cost estimate for closure and post-closure care as required by UAC R315-309-2(3) and (4) for said Class V Landfill.

The duration of this bond shall be from the time same is filed with the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah until such time that the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah may cancel.

The Surety may cancel this bond by giving the State of Utah 120 days written notice addressed to the Executive Secretary of the Solid and Hazardous Waste Control Board of the State of Utah. Upon cancellation of this bond, the State of Utah shall release the Surety from all liability.

In the event of default by the Principal of any of the prior stated provisions and conditions of closure and post-closure care of said Class V Landfill, the Surety shall conduct or cause to be conducted the closure and post-closure activities as required in permit # 0501M. Upon the completion of the required activities, not to exceed the penal amount of this bond, this obligation of the Surety shall terminate.

SIGNED AND SEALED THIS 22nd DAY OF August, 2005.

Wasatch Regional Landfill, Inc.
(Principal)

By: Jo Lynn White

Jo Lynn White, Secretary
Travelers Casualty and Surety Company of America
(Surety)

By: Sandra R. Parker

Sandra R. Parker, Attorney-in-fact

IN WITNESS WHEREOF, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY have caused this instrument to be signed by their Senior Vice President and their corporate seals to be hereto affixed this 10th day of February, 2004.

STATE OF CONNECTICUT

)SS. Hartford

COUNTY OF HARTFORD

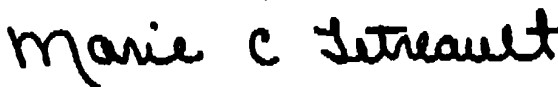
TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
TRAVELERS CASUALTY AND SURETY COMPANY
FARMINGTON CASUALTY COMPANY



By 
George W. Thompson
Senior Vice President

On this 10th day of February, 2004 before me personally came GEORGE W. THOMPSON to me known, who, being by me duly sworn, did depose and say: that he/she is Senior Vice President of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, the corporations described in and which executed the above instrument; that he/she knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; and that he/she executed the said instrument on behalf of the corporations by authority of his/her office under the Standing Resolutions thereof.





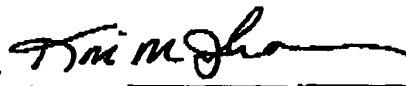
My commission expires June 30, 2008 Notary Public
Marie C. Tetreault

CERTIFICATE

I, the undersigned, Assistant Secretary of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, stock corporations of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Boards of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this 22nd day of August, 2005.



By 
Kori M. Johanson
Assistant Secretary, Bond

**TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
TRAVELERS CASUALTY AND SURETY COMPANY
FARMINGTON CASUALTY COMPANY
Hartford, Connecticut 06183-9062**

POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL PERSONS BY THESE PRESENTS, THAT TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, corporations duly organized under the laws of the State of Connecticut, and having their principal offices in the City of Hartford, County of Hartford, State of Connecticut, (hereinafter the "Companies") hath made, constituted and appointed, and do by these presents make, constitute and appoint: Donald R. Gibson, Sandra R. Parker, Tannis Mattson, Jacqueline Kirk, Melissa Haddick, of Houston, Texas, their true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, the following instrument(s): by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto and to bind the Companies, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Companies, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Companies, which Resolutions are now in full force and effect:

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her.

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile (mechanical or printed) under and by authority of the following Standing Resolution voted by the Boards of Directors of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

August 22, 2005

The Travelers logo, featuring the word "Travelers" in a serif font, with a stylized swoosh or underline that starts under the 'T' and ends under the 's'.

**IMPORTANT DISCLOSURE NOTICE OF TERRORISM
INSURANCE COVERAGE**

On November 26, 2002, President Bush signed into law the Terrorism Risk Insurance Act of 2002 (the "Act"). The Act establishes a short-term program under which the Federal Government will share in the payment of covered losses caused by certain acts of international terrorism. We are providing you with this notice to inform you of the key features of the Act, and to let you know what effect, if any, the Act will have on your premium.

Under the Act, insurers are required to provide coverage for certain losses caused by international acts of terrorism as defined in the Act. The Act further provides that the Federal Government will pay a share of such losses. Specifically, the Federal Government will pay 90% of the amount of covered losses caused by certain acts of terrorism which is in excess of Travelers' statutorily established deductible for that year. The Act also caps the amount of terrorism-related losses for which the Federal Government or an insurer can be responsible at \$100,000,000,000.00, provided that the insurer has met its deductible.

Please note that passage of the Act does not result in any change in coverage under the attached policy or bond (or the policy or bond being quoted). Please also note that no separate additional premium charge has been made for the terrorism coverage required by the Act. The premium charge that is allocable to such coverage is inseparable from and imbedded in your overall premium, and is no more than one percent of your premium.

TABLE 1				
Wasatch Regional				
FINAL YEAR 3 CLOSURE COST ESTIMATES SUMMARY				
SIZE OF CLOSURE AREA:		30.0 ACRES		
CLOSURE COSTS	UNIT			TOTAL
	MEASURE	COST	QUANTITY	
Supply & Placement of Closure Cap				
General Contractor Mobilization/Demobilization ⁽¹⁾	Lump Sum	\$ 25,000.00	1	\$ 25,000.00
Liner Contractor Mobilization/Demobilization ⁽¹⁾	Lump Sum	\$ 5,000.00	1	\$ 5,000.00
GCL ⁽¹⁾	Acre	\$ 17,563.00	30	\$ 526,890.00
60 Mil HDPE Textured ⁽¹⁾	Acre	\$ 20,440.00	30	\$ 613,200.00
Freight and Material Taxes ⁽¹⁾	Included in \$/Acre			
Install Gas Vents (100' grid spacing)	EA	\$ 300.00	100	\$ 30,000.00
Soil Cover (21") ⁽¹⁾	Acre	\$ 13,419.00	30	\$ 402,570.00
Grading of Waste/Surface Preparation ⁽³⁾	Acre	\$ 1,000.00	30	\$ 30,000.00
Surveying ⁽⁴⁾	Acre	\$ 500.00	30	\$ 15,000.00
Stone Mulch ⁽¹⁾	Acre	\$ 940.00	30	\$ 28,200.00
Subtotal				\$ 1,675,860.00
Stormwater/Groundwater Controls				
Channel Excavations ⁽³⁾	LF	\$ 2.00	2500	\$ 5,000.00
Riprap Channel Granular Filter (run-on control) ⁽³⁾	CY	\$ 10.00	1400	\$ 14,000.00
Riprap Channel Riprap (run-on control) ⁽³⁾	CY	\$ 50.00	2100	\$ 105,000.00
Downchute Pipe ⁽³⁾	LF	\$ 57.50	400	\$ 23,000.00
Inlet Boxes ⁽³⁾	EA	\$ 2,500.00	2	\$ 5,000.00
Install Remaining Groundwater Drain ⁽³⁾	CY	\$ 1.50	63355	\$ 95,032.50
Install Drain Pipe Under Railroad ⁽³⁾	Lump Sum	\$ 85,000.00	1	\$ 85,000.00
Subtotal				\$ 332,032.50
Leachate Evaporation Pond (assume approximately 100' x 100' x 10' deep)				
Pond Excavation/Earthwork ⁽¹⁾	CY	\$ 2.00	1850	\$ 3,700.89
GCL ⁽¹⁾	Acre	\$ 17,563.00	0.3	\$ 5,268.90
60 Mil HDPE Textured, 3-layers ⁽¹⁾	Acre	\$ 20,440.00	0.9	\$ 18,396.00
Geonet, 2-Layers ⁽¹⁾	Acre	\$ 10,481.00	0.6	\$ 6,288.60
Freight and Material Taxes ⁽¹⁾	Included in \$/Acre			
Leak Detection Pipes and sumps ⁽¹⁾	EA	\$ 10,000.00	2	\$ 20,000.00
Subtotal				\$ 53,654.39
Other: (List)				
Engineering Site Evaluation ⁽⁴⁾	LS	\$ 10,000.00	1	\$ 10,000.00
Design, Specification & CQA/CQC Manual ⁽⁴⁾	LS	\$ 50,000.00	1	\$ 50,000.00
Project Mgmt. & QA/QC, Oversight ⁽⁴⁾	Acre	\$ 2,500.00	30	\$ 75,000.00
QA/QC Testing ⁽⁴⁾	Acre	\$ 500.00	30	\$ 15,000.00
QA/QC Reporting ⁽⁴⁾	Acre	\$ 300.00	30	\$ 9,000.00
Subtotal - Other				\$ 150,000.00
TOTAL				\$ 2,211,546.89

NOTES:

- 1 - Total cost estimates are adjusted to reflect 2005 third-party dollars with estimated job specific adjustments.
- 2 - Foundation layer placed as part of daily/intermediate cover.
- 3 - 2005 Means Guide Estimated Costs. Some costs are adjusted to reflect local conditions and criteria.
- 4- Estimates

TABLE 2
Wasatch Regional
POST-CLOSURE COST ESTIMATES SUMMARY

LENGTH OF CLOSURE ACTIVITIES: **30 YEARS**

FINAL CLOSURE COSTS						30-YEAR TOTAL
Abandon Monitoring Wells						\$10,000
Site Abandonment						\$75,000
Closure Certification						\$2,000
MAINTENANCE COSTS					COST/YR	
Security, fencing, gates, signs, access, etc.				\$ 1,250	\$	37,500
Erosion repair, settlement repair, revegetation				\$ 12,000	\$	360,000
Surface water control maintenance (run-on/run-off)				\$ 4,000	\$	120,000
Storm Drainage Pipe Maintenance and Repair				\$ 1,500	\$	45,000
Groundwater Drain Flow Line Maintenance				\$ 2,000	\$	60,000
Leachate collection system				\$ 1,000	\$	30,000
Subtotal					\$	652,500
MONITORING COSTS		# OF WELLS/PTS.	# OF SAMPLES	FREQ/ YR	COST/ SAMPLE	COST/ YEAR
Groundwater Monitoring						
3rd Party/Sample Collection		2		2.0	\$ 800	\$ 3,200
Lab Analysis			2	2.0	\$ 1,500	\$ 6,000
Statistical and Reporting			2	2.0	\$ 1,000	\$ 4,000
Storm Water Monitoring			1	2.0	\$ 1,000	\$ 2,000
Landfill Gas Monitoring				4.0	\$ 1,000	\$ 4,000
Administration Oversight						\$ 20,000
Subtotal					\$ 39,200	\$ 1,176,000
Total						\$ 1,915,500

<p style="text-align: center;">Wasatch Regional CLOSURE/POST-CLOSURE CARE COST ESTIMATE</p>

SIZE OF CLOSURE AREA:	30 ACRES
------------------------------	-----------------

TOTAL CLOSURE COSTS	\$	2,211,546.89
----------------------------	-----------	---------------------

TOTAL POST-CLOSURE COSTS	\$	1,915,500.00
---------------------------------	-----------	---------------------

TOTAL COST ESTIMATES:	\$	4,127,046.89
------------------------------	-----------	---------------------

NOTES:

- 1 - Cost estimates are adjusted to reflect 2005 third-party dollars.
- 2 - Corrective actions are currently not occurring on-site.